

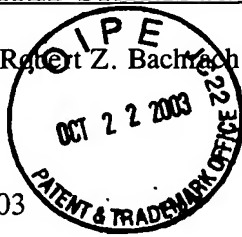
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Robert Z. Bachrach et al.

SERIAL NO.: 10/675,031

FILED: September 30, 2003

FOR: METHOD FOR CHEMICAL-MECHANICAL JET  
ETCHING OF SEMICONDUCTOR STRUCTURES



§ GROUP ART UNIT: 1763

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§

§ EXAMINER: S. A. MacArthur

§

§ Attorney Docket No.:

§ AM-5609.D1

Date: October 22, 2003

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR § 1.97(b)(1)**

**Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

Sir:

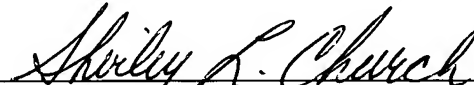
In accordance with 37 CFR § 1.97(b)(1), applicants hereby request consideration of this Information Disclosure Statement. This Information Disclosure Statement is being submitted within three (3) months of the filing date of the subject application or before an Office Action on the merits. Applicants are providing herewith a copy of each document cited on the attached Form PTO-1449.

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**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. EU313733728US in an envelope addressed to: Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: October 22, 2003

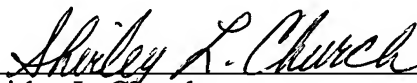
  
Shirley L. Church, Reg. No. 31,858

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The submission of this Information Disclosure Statement and Form PTO-1449 is not an admission that the art cited is "prior art" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

If the Examiner has any questions, she is respectfully requested to contact the undersigned attorney at the telephone number set forth below.

Respectfully submitted,

  
\_\_\_\_\_  
Shirley L. Church  
Registration No. 31,858  
Attorney for Applicants  
(650) 473-9700

Correspondence Address:  
Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450-A  
Santa Clara, California 95052

FORM PTO-1449  
(Equivalent)

U.S. Department of Commerce  
Patent and Trademark Office

U.S. Application Serial No.  
10/675,031

Atty. Docket No.  
AM-5609.D1

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Robert Z. Bachrach et al.  
Applicants

September 30, 2003  
Filing Date

1763  
Group

(Use several sheets if necessary)



U. S. PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date If Appropriate</u>
_____	4,344,809	08/17/82	Wensink	156	345	
_____	4,384,917	05/24/83	Wensink	156	627	
_____	4,497,692	02/05/85	Gelchinski et al.	204	15	
_____	4,973,379	11/27/90	Brock et al.	156	640	
_____	5,041,229	08/20/91	Brock et al.	252	79.1	
_____	5,378,307	01/03/95	Bard et al. *	156	639	
_____	5,464,509	11/07/95	Mlcak et al.	204	129.3	
_____	5,679,212	10/21/97	Kato et al. *	156	636.1	
_____	5,681,448	10/28/97	Uchiyama et al.	205	656	
_____	5,770,096	06/23/98	Lee	216	41	
_____	5,795,826	08/18/98	Gambino et al.	438	692	
_____	6,179,954	01/30/01	Kawana et al. *	156	345	

Examiner

Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* Cited by the Examiner during prosecution of parent application U.S. Serial No. 09/932,396.



### U. S. PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date If Appropriate</u>
_____	6,264,789	07/24/01	Pandey et al. *	156	345	
_____	6,284,092	09/04/01	Manfredi *	156	345	08/06/99

### FOREIGN PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date If Appropriate</u>
_____	DD259062A	08/10/88	Butter et al.	H01L	21/306	Abstract
_____	DE3942447A	06/27/91	Rocholl	F16D	65/84	Abstract
_____	JP61283366A	12/13/86	Terakawa	B05B	1/02	Abstract
_____	KR9001404B	03/09/90	Goldstar	H01L	31/12	Abstract
_____	SU907501B	02/23/82	Lorman et al.	G03F	7/02	Abstract
_____	SU1062311A	12/23/83	Timoshenko et al.	C23G	5/00	Abstract
_____	SU1340192A	11/07/87	Levin et al.	C25D	21/12	Abstract
_____	SU1356521A	03/30/90	Alferov et al.	C23	3/00	Abstract
_____	SU1622427A	01/23/91	Gromov et al.	C25D	19/00	Abstract
_____	WO00/72367	11/30/00	Kulkarni et al.	H01L	21/302	

<u>Examiner</u>	<u>Date Considered</u>
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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IBM Research Disclosure No. RD 317105. Published 9/10/90, "One-Step Mask Making."

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Examiner

Date Considered

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10-24-03

Express Mail No. EU313733728US  
Attorney Docket No.: AM-5609.D1

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**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

**Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

Sir:

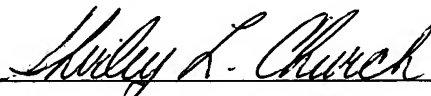
Applicants are submitting the subject Information Disclosure Statement under 37 CFR § 1.97(b)(1). This Information Disclosure Statement is being submitted within three (3) months of the filing date of the subject application.

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Date: October 22, 2003

  
Shirley L. Church, Reg. No. 31,858

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Applicants do not believe that any fee is due in connection with the filing of this Information Disclosure Statement under 37 CFR § 1.97(b)(1). However, in the event that any additional fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-1512 of Shirley L. Church, Sunnyvale, California, in the amount of such fee.

This transmittal letter is submitted in duplicate for accounting purposes.

Respectfully submitted,

A handwritten signature in cursive script, reading "Shirley L. Church", is written over a horizontal line.

Shirley L. Church  
Registration No. 31,858  
Attorney for Applicants

Correspondence Address:  
Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450-A  
Santa Clara, California 95052